



**16th PAC meeting,
Monday October 22, 2018
Prague, Czech Rep.**

Minutes

PAC Participants: Radmila BROZKOVA (PAC Vice-Chair), Jure CEDILNIK (LACE rep.), Claude FISCHER (CSSI Chair), Daniel GELLENS (PAC Chair), Alain JOLY (MF rep.), Mohamed MOKHTARI (non-MF non-LACE rep.), Maria MONTEIRO (non-MF non-LACE rep.), Patricia POTTIER (Secretary), Piet TERMONIA (ALADIN PM), Martina TUDOR (LACE PM)

Excused: Philippe BOUGEAULT (MF rep. attending the HAC meeting as MF observer), Branka IVANVAN-PICEK (LACE rep.), Jeanette ONVLEE (rep. HIRLAM observer, attending the HAC meeting)

1. PAC Chairperson opened the meeting and welcomed the participants.

2. The agenda below was proposed and adopted :

| Agenda | Introduced by | Documents |
|--|----------------|--|
| 1. Opening and welcome | PAC chair | |
| 2. Adoption of the agenda | PAC chair | 2 agenda 16thPAC |
| 3. ALADIN progress reporting (C) | PM | 3 PM progress report |
| 4. ALADIN policy issues (C) <ul style="list-style-type: none"> • Mission scope document • ALADIN manpower reporting • ALADIN budget • SURFEX-NWP • Quality assurance • Changes in governance positions • Preparation of GA agenda | PM & PAC chair | 4.1 Scope document 4.2 Manpower 4.3 Budget 4.4 Surfex 4.5 QA 4.6 Matrix |
| 5. A.O.B <ul style="list-style-type: none"> • United Weather Centres (UWC) | PM | |
| 6. Date of the next meeting (to be decided with HAC) (D) | PAC chair | |
| 7. Closing | PAC chair | |

3. ALADIN progress reporting

Piet reported on the execution of the RWP2018 (see details in the preparatory document prepared by Piet with inputs from HMG-CSSI assessment, the presentations at the last ALADIN-HIRLAM Workshop and EWGLAM meeting, the articles in the Newsletter; the LTMs were also given the opportunity to complete the report). Piet also reported on the CA and the DA coordinator activities, then underlined some points of attention and opened the floor for comments on his report.

Concerning the manpower reporting on the Work Packages, some differences still exist in the ALADIN and HIRLAM practices, even if both consortia use the same reporting tool : mainly only HIRLAM reports on Quality Assurance and System Work Packages, whereas the same activities fall under the COM Work Packages for ALADIN (such activities were first reported as NoRef – not in the RWP2018 – but changed into tasks in COM3.1, to be more consistent with HIRLAM reporting

these activities and with the ALADIN ACNA role). The RWP2019 was prepared accordingly. **PAC approved of the tasks dedicated to operational implementations at ALADIN NMSs and quality assessment of these operational suites being part of the common work (COM3.1 Work Package: Maintenance and Partners' implementations of ALADIN system).**

Radmila raised the issue of the (too low in her opinion) HIRLAM contribution to the common codes, both in terms of scientific contributions and in term of manpower dedicated to the maintenance of the code (phasing exercises). Claude explains that Daniel (HIRLAM system Project Leader) is trying to change the HIRLAM working practices for a better scientific collaboration on the common codes. **PAC acknowledged these efforts but insisted on the need for HIRLAM colleagues to reproduce on an official export version any problem they may face when running AROME or ALARO, prior to ask for any ALADIN support.**

Piet underlined the good progress for the so-called ALADIN Data Assimilation basic KIT (DAsKIT) action, most DasKIT countries having now the capacity to run a data assimilation cycle. Two tools are being considered for data handling : OPLACE or ECMWF SAPP software (the possibility and the fees for the use of SAPP by non-ECMWF members is still to be checked with ECMWF Council). Poland, Algeria and Tunisia have already announced that they would rather apply for OPLACE. Martina confirmed that those non-LACE Partners applying for OPLACE are welcomed pending their commitment to contribute each year with 1 month development on a LACE work plan topic (under current rules, after the decision by 2017 LACE Council); a bilateral agreement should be signed between each Partner and the LACE Council. Patricia reminded that these bilateral agreements are outside the ALADIN budget and flat-rate money is not to be used for these scientific visits (see the Minutes of 14th PAC meeting, May 2017).

4. ALADIN policy issues

1. Mission scope document

Daniel opened the floor for comments on the mission scope document. Radmila found the definition of Quality Assurance ambiguous and proposed some modifications. Options for QA procedures were debated. **PAC agreed to propose to modify the definition during the PAC-HAC discussions on the scope document.**

2. ALADIN manpower reporting

Piet explained that a new manpower monitoring tool is used since the beginning of 2018, and it now includes the HIRLAM Partners manpower. Its backward compatibility allows to produce the usual ALADIN statistics (accumulated since 1991) : the accumulated manpower investment since 1991 is equivalent to 51.4 Full-Time Equivalent (FTE) persons per year between 1991 and 2015 and reaches 98 FTE during MoU5; the distribution of the manpower among the 3 main components of the ALADIN Consortium (Flat-Rate countries, LACE, Météo-France) evolved during the different MoUs periods, but it can be roughly considered that each of them contributed to 1/3 of the total manpower, with MF part increasing during the recent periods.

Additional statistics are presented : the commitments by the Partners to the RWP2018 are compared with the realization, showing a good realization rate after 6 months and giving a rough estimate of 1/4 of the total manpower (either committed or realized) by each of the 4 Groupings (HIRLAM + the 3 ALADIN Groupings).

3. ALADIN budget

PAC made no comment on the report of the ongoing execution of the 2018 budget.

PAC recommended the flat-rate contribution for 2019 to be at the ceiling (2018 contribution augmented by the inflation) thus 12000 € per Member.

4. SURFEX-NWP

After the last PAC-HAC meeting, Philippe launched an inquiry on Partners' needs with respect to SURFEX changes management. Claude reported that HIRLAM (Patrick Samulesson) was satisfied with the current way of working. Claude also explained the so-called double commitment procedure agreed between SURFEX team and MF/AROME to manage the changes in SURFEX and proposed to extend the same procedure to ALARO, with the help of the CA. **PAC approved and tasked Piet and Claude to summarize the PAC discussions to prepare an answer to Philippe's inquiry.**

5. Quality Assurance

This point was discussed in 4.1.

6. Changes in governance positions

PAC recommended to approve the nomination of Clemens Wastle (ZAMG) as CSSI member for Predictability and LAM EPS.

7. Preparation of GA agenda

The next meetings of the ALADIN General Assembly and HIRLAM Council will be held in Zagreb, back-to-back with the EUMETNET/ECOMET meeting. The ALADIN GA is scheduled on 19 November 2018 afternoon (14:00-18:00).

A draft agenda of the GA was prepared by Piet and the support team. PAC reviewed it. The agenda will be proposed to the GA chair (web conference with PM).

5. A.O.B.

United Weather Centres : Piet summarized [Jeanette's presentation](#) of the United Weather Centres in EWGLAM.

The PAC wondered what was the link between the CMCs/CSCc and UWC and proposed to raise the issue of who will be responsible of HARMONIE-AROME (a future HIRLAM ? UWC ?) at the PAC-HAC meeting.

Martina announced that LACE will organise some trainings to help increase the knowledge on the codes structure, in order to train future contributors to the common codes. The modalities will be discussed in an extended ACNA web-meeting.

6. Date and place of the next meetings

See the minutes of the 7th PAC-HAC meeting : *two joint meetings will be necessary in 2019 to prepare for the single consortium : 13-14 May 2019 in Norrköping (Sweden) and on 4-5 November in Toulouse (France).*

7. Closing

Daniel thanked the participants and closed the meeting at 18:00.